Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 to 20 (Cancelled).

Claim 21 (Original): A disposable electrochemical immunoassay biosensor comprising:

a sensor body with a depression therein and a sensor outlet in said depression;

an apertured counter electrode provided in abutment with one side of said depression such that said counter electrode aperture communicates with said outlet,

an apertured working electrode provided in abutment with another side of said depression such that said working electrode aperture communicates with said sensor outlet;

an immunoassay system provided in close proximity to said working electrode,

and

an apertured sensor inlet means also provided within said working electrode and in communication with said immunoassay system;

wherein said sensor body is manufactured from a plastics material and said working and counter electrodes are manufactured from an electrically conductive plastics material.

Claims 22-58 (Cancelled).

Claim 59 (Prior Claim 66): An automatic diagnostic apparatus comprising:

a controller for controlling operation of the apparatus and for processing data;

a sample container comprising a substantially frusto-conical outer wall and a substantially conical inner wall, each having a narrow end and a broader end;

the outer wall having a lip at its narrow end and connecting with a substantially planar annular first base at its broader end ;

the substantially conical inner wall connecting at its broader end with an inner edge of the annular first base and connecting at its narrow end with a depression;

a rack and platform system including a rotor motor which is operable to spin the sample container to cause heavier components of a sample therein to move toward the first base and lighter components to move up the inner wall to the depression;

a sensing system, which is a syringe and biosensor system comprising an electrochemical immunoassay biosensor for performing an electrochemical immunoassay of the lighter components of the sample, and a syringe comprising a syringe body and a plunger effective to draw a sample and, optionally, a reagent in and through the biosensor;

voltage supply means for applying a potential difference to said sensing system; and

output means for communicating processed data to a user.

Claim 60 (Prior Claim 67): An automatic diagnostic apparatus according to claim 59, wherein:

the sensing system has a motor arm;

the syringe has a base and two ends, one end of which is in communication with the motor arm, and the other end of which internally abuts the syringe's base.

Claim 61 (Prior Claim 68): An automatic diagnostic apparatus according to claim 59, wherein the rack and platform system comprises a block with three shaped apertures for securely holding a reagent cartridge.

Claim 62 (Prior Claim 69): An automatic diagnostic apparatus according to claim 59 further comprising a reagent cartridge having a substantially planar body with four reagent compartments depending therefrom and having a surface; the reagent compartments being open at the surface of the planar body.

Claim 63 (Prior Claim 70): An automatic diagnostic apparatus according to claim 62, wherein the reagent cartridge is filled with a reagent for testing myocardial infarction.

Claim 64 (Prior Claim 71): An automatic diagnostic apparatus according to claim 62, wherein one of the reagent compartments is filled with alkaline phosphatase, a second reagent compartment is filled with a dried naphthyl phosphate, a third reagent compartment is filled with a wash solution, and the fourth reagent compartment is filled with a buffer solution.

Claim 65 (Prior Claim 72): An automatic diagnostic apparatus according to claim 59, wherein the rack and platform system is provided with an up/down motor and a forward/backward motor.

Claim 66 (Prior Claim 73): An automatic diagnostic apparatus according to claim 59, wherein the biosensor comprises a counter electrode, a working electrode contact, a biosensor body, a biosensor inlet and a solid phase immunoassay site comprising a porous spacer disk, a porous PVDF disk and a porous graphite disk as a working electrode.

Claim 67 (Prior Claim 74): An automatic diagnostic apparatus according to claim 66, wherein the porous PDVF disk is impregnated with an antibody.

Claim 68 (Prior Claim 75): A method of operating an automatic diagnostic apparatus under control of a controller, the method comprising the steps of:

inserting a sample into sample holding means, said sample holding means having first and second regions to enable, during spinning in a centrifuge, a heavier component of the sample to collect in one of the regions, and a lighter component of the sample to collect in the other of said regions, the sample holding means being configured to obstruct re-mixing of the lighter and heavier components after spinning;

spinning said sample holding means and said sample in the centrifuge to collect said lighter component in said other region;

extracting said lighter component from said sample holding means;

transferring said lighter material to or through a sensing system of said apparatus and operating said sensing system to perform an electrochemical immunoassay of lighter material

supplied thereto;

applying a potential difference to said sensing system with voltage supply means;

processing data resulting from said electrochemical immunoassay of said lighter material with said controller; and

communicating process data to a user via output means.

Claim 69 (Prior Claim 76): A method which comprises monitoring a clinical condition with diagnostic apparatus, wherein the diagnostic apparatus is automatic diagnostic apparatus according to claim 59.

Claim 70 (Prior Claim 77): A method according to claim 69, wherein the clinical condition is acute myocardial infarction.

Claim 71 (Prior Claim 78): A method of *ex vivo* monitoring levels of a detectable cardiac marker protein with diagnostic apparatus, wherein the diagnostic apparatus is automatic diagnostic apparatus according to claim 59.

Claim 72 (Prior Claim 79): A method according to claim 71, wherein the detectable cardiac marker protein is a member selected from the grup consisting of CK, CK-MM, CK-MB, myoglobin, cardiac myosin light chain(s), Troponin T and Troponin I.